

Bi-Flow filter drier V2A Parker Sporlan WorldSeries™

Parker Sporlan WorldSeries™ V2A Bi-Flow liquid line filters driers ensure protection of reversible refrigeration, air conditioning and heat pumps systems from moisture, acids, and solid particles.



V2A Bi-Flow liquid line filter drier

is dedicated to all reversible systems requiring high degree of protection against humidity and its consequences.

Two check valves in both end side, made in rubber, ensure liquid flow in two directions without possibility of dirt, trapped inside the core, being discharge into the circuit.

The special design of check valve minimise the pressure drop into **V2A Bi-Flow liquid line filter drier**, this allows optimisation of the COP for the heat pump.

Parker Sporlan WorldSeries™ V2A Bi-Flow liquid line filters driers allow to simplify the installation of reversible systems and are adapted to high efficiency heat pumps.

Benefits

Max Working Pressure	45 bar (652 psig)
Temperature Range	40°C to +80°C

- **Leak Testing:** 100% Helium leak tested with Nitrogen pressure test
- **V2A Paint:** Polyester grey coating (RAL 7037) giving protection to 500 hours salt spray.
- **Filtration:** 20 microns
- **Approvals:** UL file no SA1906
PED 97/23/EC - article 3.3

The physical size of the **V2A liquid line filters driers** range allows the product to be manufactured under the PED category (art.3.3) which does not require "CE" marking.

Technical Data

V2A

Drying Capacity - kg of refrigerant*

V2A Series	R134a		R404A		R407C		R410A		R 22	
	24°C	52°C	24°C	52°C	24°C	52°C	24°C	52°C	24°C	52°C
V2A 08	6	6	5	5	4	5	5	5	5	5
V2A 16	11	10	9	8	9	8	8	7	10	8

* Drying capacity is the results of standard tests before and after drying from 1050 ppm to 50 ppm

V2A

Liquid Refrigerant Holding - Capacity Grams at 40°C

V2A Series	R134a	R404A	R407C	R410A	R 22
V2A 08	216	182	203	187	214
V2A 16	269	227	253	233	266

V2A

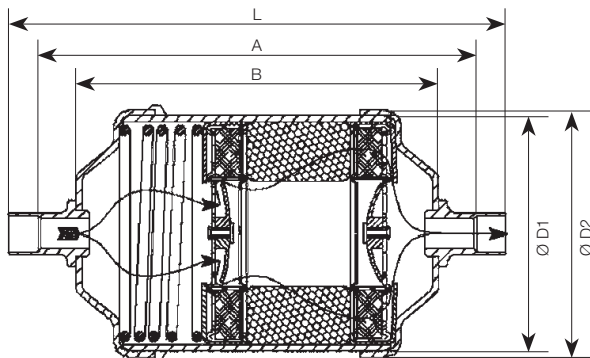
Flow capacity in kW

Part number V2A Series(2)	Connection Size		Flow Capacity (kW) (1)				Dimensions (mm)					Weight Kg
	SAE	ODF	R134a	R404A R507	R407C	R410A R22	L	A	B	D1	D2	
V2A083F	3/8"	-	11.0	9.0	12.0	12.0	151.6	-	98.3	63.5	66.7	0.60
V2A083S	-	3/8"	11.0	9.0	12.0	12.0	134.9	119.1	98.3	63.5	66.7	0.60
V2A084F	1/2"	-	20.0	15.0	22.0	22.0	156.6	-	98.3	63.5	66.7	0.60
V2A084S	-	1/2"	20.0	15.0	22.0	22.0	134.9	116.1	98.3	63.5	66.7	0.60
V2A163F	3/8"	-	12.0	9.0	13.0	13.0	170.6	-	117.3	63.5	66.7	0.66
V2A163S	-	3/8"	12.0	9.0	13.0	13.0	153.9	154.8	117.3	63.5	66.7	0.66
V2A164F	1/2"	-	21.0	16.0	23.0	23.0	175.6	-	117.3	63.5	66.7	0.68
V2A164S	-	1/2"	21.0	16.0	23.0	23.0	153.9	135.1	117.3	63.5	66.7	0.68
V2A165F	5/8"	-	30.0	23.0	33.0	33.0	183.1	-	117.3	63.5	66.7	0.76
V2A165S	-	5/8" 16 mm	30.0	23.0	33.0	33.0	159.9	134.5	117.3	63.5	66.7	0.76

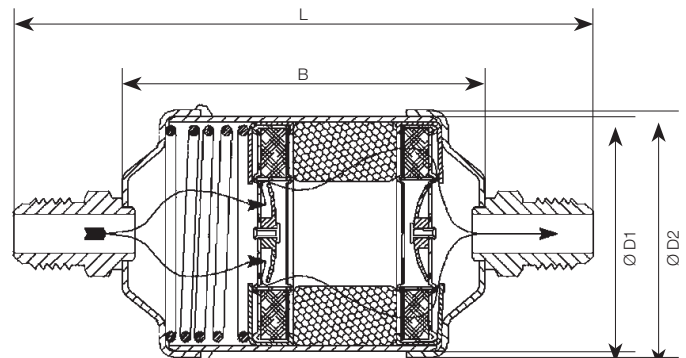
(1) Liquid capacity in accordance with ARI 710-86 standard - Te = -15°C, Tc = 30°C, Δp = 0.07 bar (1 psig)
Other working conditions see pages 00 & 00

(2) F = Flare (SAE), S = Solder

V2A Solder



V2A Flare



For all requests, consult your nearest Parker Sporlan Wholesaler or contact us on:
racecustomerservice@parker.com / www.parker.com/race

Accurate at the time of going to print.